AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A composition for use in forming a porcelain enamel coating having a metallic appearance, said composition including a glass component comprising a glass frit, said glass frit comprising by weight: about 45% to about 55% SiO₂, about 4 to about 20% R₂O, about 9 to about 15% B₂O₃, about 4 to about 12% MnO₂, about 1.5 to about 7% F₂, about 0% to about 20% MO₂, about 0% to about 10% RO, about $\frac{0}{0.01}$ % to about 6% NO₂, about 0% to about 2% P₂O₅, about 0% to about 3% CoO, about 0% to about 3% NiO, about 0%0.6% to about 3% Al₂O₃, about 0% to about 3% Fe₂O₃, about 0% to about 3% CuO, about 0% to about 4% ZrO₂, about 0% to about 2% Nb₂O₅, and about 0% to about 5% Sb₂O₃, wherein R₂O represents at least one alkali oxide, wherein RO represents at least one alkaline earth oxide and wherein M represents at least one transition metal.

Claim 2 (original): The composition of claim 1, wherein R₂O is selected from the group consisting of Na₂O, Li₂O and K₂O, or combinations thereof.

Claim 3 (original): The composition of claim 1 wherein MO₂ is selected from the group consisting of ZrO₂, SnO₂, TiO₂ and CeO₂.

Claim 4 (original): The composition of claim 1 wherein RO is selected from the group consisting of MgO, CaO, SrO, and BaO.

Claim 5 (currently amended): A composition for use in forming a porcelain enamel coating having a metallic appearance, said composition including a (a) glass component comprising a glass frit, said glass frit comprising by weight: about 45% to about 55% SiO₂, about 4 to about 20% R₂O, about 9 to about 15% B₂O₃, about 4 to about 12% MnO₂, about 1.5 to about 7% F₂, about 0% to about 20% MO₂, about 0% to about 10% RO, about 0% to about 6% NO₂, about 0% to about 2% P₂O₅, about 0% to about 3% CoO, about 0% to about 3% NiO, about 0% to about

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3% Al₂O₃, about 0% to about 3% Fe₂O₃, about 0% to about 3% CuO, about 0% to about 4% ZrO₂, about 0% to about 2% Nb₂O₅, and about 0% to about 5% Sb₂O₃, wherein R₂O represents at least one alkali oxide, wherein RO represents at least one alkaline earth oxide and wherein M represents at least one transition metal The composition of claim 1 further comprising and (b) an oxide pigment, selected from the group consisting of iron brown hematite; cobalt silicate blue olivine; nickel barium titanium primrose priderite; lead antimonite yellow pyrochlore; nickel antimony titanium yellow rutile; nickel niobium titanium yellow rutile; nickel tungsten yellow rutile; chrome antimony titanium buff; chrome niobium titanium buff rutile; chrome tungsten titanium buff rutile; manganese antimony titanium buff rutile; titanium vanadium antimony grey rutile; manganese chrome antimony titanium brown rutile; manganese niobium titanium brown rutile; cobalt aluminate blue spinel; zinc chrome cobalt aluminum spinel; cobalt chromate bluegreen spinel; cobalt titanate green spinel; iron chromite brown spinel; iron titanium brown spinel; nickel ferrite brown spinel; zinc ferrite brown spinel; zinc iron chromite brown spinel; copper chromite black spinel; iron cobalt chromite black spinel; chrome iron manganese brown spinel; chrome iron nickel black spinel; chrome manganese zinc brown spinel; nickel manganese iron chromium black; tin vanadium vellow cassiterite; chrome tin orchid cassiterite; chrome tin pink sphene, and combinations thereof.

Claim 6 (original): The composition of claim 1 further comprising a crystalline component wherein the crystalline component comprises additives selected from the group consisting of TiO₂, ZrSiO₄, Zn₂SiO₄, Bi₁₂SiO₂₀, Bi₄(SiO₄)₃, and Bi₂SiO₅, 2ZnO•3TiO₂, Bi₂O₃•SiO₂, Bi₂O₃•2TiO₂, 2Bi₂O₃•3TiO₂, Bi₇Ti₄NbO₂₁, Bi₄Ti₃O₁₂, Bi₂Ti₂O₇, Bi₁₂TiO₂₀, Bi₄Ti₃O₁₂, and Bi₂Ti₄O₁₁.

Claim 7 (original): The composition of claim 1 further comprising a mill addition selected from the group consisting of mica particles; clays; urea; boric acid, molybdic acid; sodium molybdate; copper chloride, and the chlorides, carbonates, and hydroxides, of sodium, potassium, magnesium, and calcium, and combinations thereof.

Claim 8 (currently amended): A composition for use in forming a porcelain enamel coating having a metallic appearance, said composition including a glass component comprising (a) a glass frit, said glass frit comprising by weight: about 45% to about 55% SiO₂, about 4 to about 20% R_2O , about 9 to about 15% B_2O_3 , about 4 to about 12% MnO_2 , about 1.5 to about 7% F_2 , about 0% to about 20% MO₂, about 0% to about 10% RO, about 0% to about 6% NO₂, about 0% to about 2% P₂O₅, about 0% to about 3% CoO, about 0% to about 3% NiO, about 0% to about 3% Al₂O₃, about 0% to about 3% Fe₂O₃, about 0% to about 3% CuO, about 0% to about 4% ZrO₂, about 0% to about 2% Nb₂O₅, and about 0% to about 5% Sb₂O₃, wherein R₂O represents at least one alkali oxide, wherein RO represents at least one alkaline earth oxide and wherein M represents at least one transition metal The composition of claim 1 further comprising and (b) a titanium opacified frit wherein the titanium opacified frit comprises by weight: SiO₂ (33-57%), B₂O₃ (0-23%), TiO₂ (13-26%), F₂ (0-9%), NO₂ (1-10%), Na₂O (5-20%), K₂O (0-13%), Li₂O (0-4%), Al₂O₃ (0-6%), AuO (0-0.05%), BaO (0-5%), CaO (0-2.5%), CoO (0-0.05%), MgO (0-1.5%), P_2O_5 (0-4%), Sb_2O_3 (0-1.5%), ZnO (0-23%), and ZrO_2 (0-10%).

Claim 9 (original): The composition of claim 8, wherein R₂O is selected from the group consisting of Na₂O, Li₂O and K₂O, and combinations thereof.

Claim 10 (original): The composition of claim 8 wherein MO₂ is selected from the group consisting of ZrO₂, SnO₂, TiO₂, and CeO₂.

Claim 11 (original): The composition of claim 8 wherein RO is selected from the group consisting of MgO, CaO, SrO, and BaO.

Claim 12 (original): The composition of claim 8 further comprising an oxide pigment, selected from the group consisting of iron brown hematite; cobalt silicate blue olivine; nickel barium titanium primrose priderite; lead antimonite yellow pyrochlore; nickel antimony titanium yellow rutile; nickel niobium titanium yellow rutile; nickel tungsten yellow rutile; chrome antimony titanium buff; chrome niobium titanium buff rutile; chrome tungsten titanium buff rutile; manganese antimony titanium buff rutile; titanium vanadium antimony grey rutile; manganese chrome antimony titanium brown rutile; manganese niobium titanium brown rutile; cobalt

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aluminate blue spinel; zinc chrome cobalt aluminum spinel; cobalt chromate blue-green spinel; cobalt titanate green spinel; iron chromite brown spinel; iron titanium brown spinel; nickel ferrite brown spinel; zinc ferrite brown spinel; zinc iron chromite brown spinel; copper chromite black spinel; iron cobalt chromite black spinel; chrome iron manganese brown spinel; chrome iron nickel black spinel; chrome manganese zinc brown spinel; nickel manganese iron chromium black; tin vanadium yellow cassiterite; chrome tin orchid cassiterite; chrome tin pink sphene, and combinations thereof.

Claim 13 (currently amended): A composition for use in forming a porcelain enamel coating having a metallic appearance, said composition including a glass component comprising (a) a glass frit, said glass frit comprising by weight: about 45% to about 55% SiO₂, about 4 to about 20% R₂O, about 9 to about 15% B₂O₃, about 4 to about 12% MnO₂, about 1.5 to about 7% F₂, about 0% to about 20% MO₂, about 0% to about 10% RO, about 0% to about 6% NO₂, about 0% to about 2% P₂O₅, about 0% to about 3% CoO, about 0% to about 3% NiO, about 0% to about 3% Al₂O₃, about 0% to about 3% Fe₂O₃, about 0% to about 3% CuO, about 0% to about 4% ZrO₂, about 0% to about 2% Nb₂O₅, and about 0% to about 5% Sb₂O₃, wherein R₂O represents at least one alkali oxide, wherein RO represents at least one alkaline earth oxide and wherein M represents at least one transition metal, The composition of claim 1 further comprising and (b) a luster frit, wherein the luster frit comprises by weight: SiO₂ (46-54%), B₂O₃ (15-17%), MnO₂ (8-10%), F₂ (1.7-3.5%), Na₂O (5-20%), K₂O (2-9%), NO₂ (0-6%), Li₂O (0-4%), Al₂O₃ (0-2%), BaO (0-5%), CaO (0-1%), CoO (0-1%), CuO (0-1%), Fe₂O₃ (0-2%), NiO (0-1%), P₂O₅ (0-3%), and Sb₂O₃ (0-3%).

Claim 14 (original): The composition of claim 1 further comprising a clear/semi-opaque frit, wherein the clear/semi-opaque frit comprises: SiO_2 (46-57%), B_2O_3 (11-17%), Na_2O (5-20%), F_2 (1-10%), TiO_2 (0-13%), NO_2 (0-4%), K_2O (0-12%), Li_2O (0-4%), Al_2O_3 (0-3%), BaO (0-5%), CaO (0-3%), MgO (0-1%), P_2O_5 (0-2%), ZnO (0-3%), and ZrO_2 (0-3%).

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Claim 15 (currently amended): A composition for use in forming a porcelain enamel coating having a metallic appearance, comprising:

- a. an amount (A) of a glass component comprising a metallic appearance frit;
- b. an amount (B) of a second frit selected from the group consisting of luster frits or clear/semi-opaque frits;
- c. wherein the weight ratio of A to B is about 1:1 to about 9:1, and
- d. wherein the metallic appearance frit comprises SiO_2 (45-55%), R_2O (4-20%), B_2O_3 (9-15%), MnO_2 (4-12%), F_2 (1.5-7%), MO_2 (0-20%), RO (0-10%), NO_2 (0 0.01-6%), P_2O_5 (0-2%), CoO (0-3%), NiO (0-3%), Al_2O_3 (0 0.6-3%), Fe_2O_3 (0-3%), CuO (0-3%), CuO (0-3%), CuO (0-3%), CuO (0-5%), CuO (0-5%), CuO (0-5%), CuO (0-5%), CuO (0-5%),
- e. wherein M represents a transition metal; wherein R₂O represents one or more alkali oxides, and wherein RO represents one or more alkaline earth oxides.

Claim 16 (original): The composition of claim 15 wherein MO₂ is present in an amount not exceeding about 20 wt%, and wherein MO₂ is selected from the group consisting of ZrO₂, SnO₂, TiO₂, CeO₂, and La₂O₃.

Claim 17 (currently amended): A composition for use in forming a porcelain enamel coating having a metallic appearance, comprising:

- a. an amount (A) of a glass component comprising a metallic appearance frit;
- b. an amount (B) of a second frit selected from the group consisting of luster frits or clear/semi-opaque frits;
- c. wherein the weight ratio of A to B is about 1:1 to about 9:1, and
- d. wherein the metallic appearance frit comprises SiO₂ (45-55%), R₂O (4-20%), B₂O₃
 (9-15%), MnO₂ (4-12%), F₂ (1.5-7%), MO₂ (0-20%), RO (0-10%), NO₂ (0-6%), P₂O₅
 (0-2%), CoO (0-3%), NiO (0-3%), Al₂O₃ (0-3%), Fe₂O₃ (0-3%), CuO (0-3%), ZrO₂
 (0-4%), Nb₂O₅ (0-2%), and Sb₂O₃ (0-5%),
- e. wherein M represents a transition metal;
- f. wherein R₂O represents one or more alkali oxides,
- g. wherein RO represents one or more alkaline earth oxides, and The composition of claim 15

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h. wherein the second frit comprises a luster frit, wherein the luster frit comprises: SiO₂ (46-54%), B₂O₃ (15-17%), F₂ (1.7-3.5%), Na₂O (5-20%), K₂O (2-9%), MnO₂ (8-10%), NO₂ (0-6%), Li₂O (0-4%), Al₂O₃ (0-2%), BaO (0-5%), CaO (0-1%), CoO (0-1%), CuO (0-1%), Fe₂O₃ (0-2%), NiO (0-1%), P₂O₅ (0-3%), and Sb₂O₃ (0-3%).

Claim 18 (original): The composition of claim 15 wherein the second frit comprises a semi-opaque frit, wherein the semi-opaque frit comprises: SiO_2 (46-57%), B_2O_3 (11-17%), F_2 (1-10%), Na_2O (5-20%), TiO_2 (0-13%), NO_2 (0-4%), K_2O (0-12%), Li_2O (0-4%), Al_2O_3 (0-3%), BaO (0-5%), CaO (0-3%), MgO (0-1%), P_2O_5 (0-2%), ZnO (0-3%), and ZrO_2 (0-3%).

Claim 19 (original): The composition of claim 1 wherein the glass frit comprises by weight: about 45% to about 55% SiO₂, about 4 to about 20% R₂O, about 9 to about 15% B₂O₃, about 4 to about 12% MnO₂, about 1.5 to about 7% F₂, and at least one of the following oxides, not to exceed the indicated amount: MO₂ (20%), RO (10%), NO₂ (6%), P₂O₅ (2%), CoO (3%), NiO (3%), Al₂O₃ (3%), Fe₂O₃ (3%), CuO (3%), ZrO₂ (4%), Nb₂O₅ (2%), and Sb₂O₃ (5%), wherein R₂O represents at least one alkali oxide, wherein RO represents at least one alkaline earth oxide and wherein M represents at least one transition metal.

Claim 20 (original): An appliance comprising a porcelain enamel coating having a metallic appearance, said coating formed by firing the composition of claim 1.